

### Anti-TRPC6 antibody [3F2.H10.F2] ab105845

★★★★★ [2 Abreviews](#) [2 图像](#)

#### 概述

产品名称	Anti-TRPC6抗体[3F2.H10.F2]
描述	小鼠单克隆抗体[3F2.H10.F2] to TRPC6
宿主	Mouse
特异性	Cross-reactivity with TRPC6 from other sources has not been determined.
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Chimpanzee 
免疫原	Synthetic peptide corresponding to a region near the C terminal of Human TRPC6 (NP_004612).
阳性对照	Human adrenal (cortex) tissue
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.88% Sodium chloride
纯度	Protein A purified
纯化说明	Purified from concentrated tissue culture supernate by Protein A chromatography.
克隆	单克隆
克隆编号	3F2.H10.F2
同种型	IgG1

## 应用

### The Abpromise guarantee

**Abpromise™**承诺保证使用ab105845于以下的经测试应用

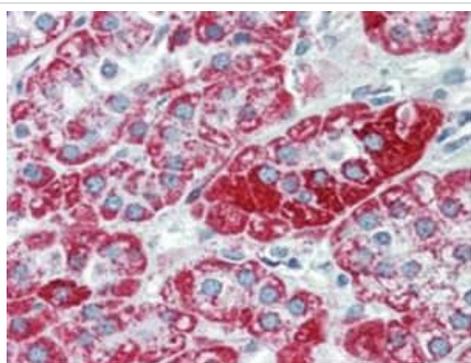
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (1)	1/500 - 1/2000. Predicted molecular weight: 106 kDa.
IHC-P	★★★★★ (1)	Use a concentration of 2.5 µg/ml.

## 靶标

功能	Thought to form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Activated by diacylglycerol (DAG) in a membrane-delimited fashion, independently of protein kinase C. Seems not to be activated by intracellular calcium store depletion.
组织特异性	Expressed primarily in placenta, lung, spleen, ovary and small intestine. Expressed in podocytes and is a component of the glomerular slit diaphragm.
疾病相关	Defects in TRPC6 are the cause of focal segmental glomerulosclerosis type 2 (FSGS2) [MIM:603965]. A renal pathology defined by the presence of segmental sclerosis in glomeruli and resulting in proteinuria, reduced glomerular filtration rate and edema. Renal insufficiency often progresses to end-stage renal disease, a highly morbid state requiring either dialysis therapy or kidney transplantation.
序列相似性	Belongs to the transient receptor (TC 1.A.4) family. STpC subfamily. TRPC6 sub-subfamily. Contains 4 ANK repeats.
细胞定位	Membrane.

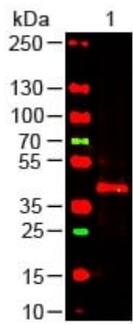
## 图片



ab105845 at 2.5 µg/ml staining TRPC6 in Human adrenal (cortex) tissue by Immunohistochemistry Formalin-fixed, Paraffin-embedded tissue.

The image shows strong staining with minimal background staining. The image shows the localization of antibody as the precipitated red signal, with a hematoxylin purple nuclear counterstain.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRPC6 antibody [3F2.H10.F2] (ab105845)



Western blot analysis of ab105845 with mouse kidney (10ug) at the dilution 1/1000. Secondary antibody (DyLight™ 649 donkey anti-mouse) was used at the dilution 1/20000

Western blot - Anti-TRPC6 antibody [3F2.H10.F2]  
(ab105845)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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